

WEST



Generate Collection

Print

L6: Entry 9 of 14

File: USPT

Oct 27, 1998

US-PAT-NO: 5827852

DOCUMENT-IDENTIFIER: US 5827852 A

TITLE: Coated pharmaceutical compositions

DATE-ISSUED: October 27, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Russell; Carmelita Macklin	Cincinnati	OH		
Dines; Allen I.	Cincinnati	OH		
Upson; James Grigg	Springdale	OH		

US-CL-CURRENT: 514/162; 424/463, 424/475, 514/164, 514/255.04, 514/256, 514/277, 514/290, 514/315, 514/325,
514/336, 514/568, 514/570, 514/613, 514/715

CLAIMS:

What is claimed is:

1. An oral composition comprising:

a) a pharmaceutical active in a unit dosage form suitable for coating; and

b) a coating comprising a pharmaceutically-acceptable coating material and from about 0.01% to about 10% by weight of a volatile aromatic compound selected from the group consisting of 3-1-menthoxy propane-1,2-diol, N-substituted-p-menthane-3-carboxamides, acyclic carboxamides, and mixtures thereof.

2. The composition of claim 1 wherein said composition comprises a mixture of 3-1-menthoxy propane-1,2-diol and N-ethyl-p-menthane-3-carboxamide.

3. The composition of claim 2 wherein said composition comprises a mixture of 3-1-menthoxy propane-1,2-diol and N-ethyl-p-menthane-3-carboxamide in a weight ratio of about 3:1, respectfully.

4. The composition of claim 1 wherein said composition

comprises a mixture of 3-1-menthoxy propane-1,2-diol, N-ethyl-p-menthane-3-carboxamide and N, 2,3-trimethyl-2-isopropylbutanamide.

5. The composition of claim 4 wherein said composition comprises a mixture of 3-1-menthoxy propane-1,2-diol, N-ethyl-p-menthane-3-carboxamide and N, 2,3-trimethyl-2-isopropylbutanamide in a weight ratio of about 2:1:1, respectively.

6. The pharmaceutical composition of claim 1 wherein said pharmaceutical active is a colds active selected from the group consisting of analgesics, anti-inflammatories, anesthetics, antihistamines, decongestants, cough suppressants, demulcents, antitussives, expectorants, and mixtures thereof.

7. The pharmaceutical composition according to claim 6 wherein the pharmaceutical active is selected from the group consisting of pseudoephedrine, phenylpropanolamine, phenylephrine, ephedrine, dextromethorphan, chlophedianol, carbetapentane, caramiphen, noscapine, diphenhydramine, codeine, menthol, hydrocodone, hydromorphone, fominoben, glyceryl guaiacolate, terpin hydrate, ammonium chloride, N-acetylcysteine and bromhexine, ambroxol, chlorpheniramine, brompheniramine, dexchlorpheniramine, dexbromphreniramine, triprolidine, azatadine, doxylamine, tripeleminamine, cyproheptadine, hydroxyzine, clemastine, carbinoxamine, phenindamine, bromodiphenhydramine, pyrillamine, acrivastine, AHR-11325, astemizole, azelastine, cetirizine, ebastine, ketotifen, lodoxamide, loratidine, levocabastine, mequitazine, oxatomide, setastine, tazifylline, temelastine, terfenadine, terbutaline, atropine, aminophylline, epinephrine, isoprenaline, metaproterenol, bitoterol, theophylline, albuterol, aspirin, acetaminophen, ibuprofen, naproxen, phenol, benzocaine, hexyl resorcinol, dyclonine, the pharmaceutically acceptable salts thereof, and mixtures thereof.

8. A pharmaceutical composition according to claim 1 wherein the composition is in a unit dosage form selected from the group consisting of tablets, capsules, pills, and lozenges.

9. A pharmaceutical composition according to claim 8

wherein the composition is in the form of a capsule selected from the group consisting hard gelatin capsules and soft gelatin capsules.

10. A pharmaceutical composition according to claim 9 wherein the composition is a soft gelatin capsule.

11. A method for treating cough, cold, cold-like, allergy, and flu symptoms in a human or lower animal, said method comprising administering to a human or lower animal in need of such treatment the composition of claim 1.

12. A method for treating cough, cold, cold-like, allergy, and flu symptoms in a human or lower animal, said method comprising administering to a human or lower animal in need of such treatment the composition of claim 2.

13. A method for treating cough, cold, cold-like, allergy, and flu symptoms in a human or lower animal, said method comprising administering to a human or lower animal in need of such treatment the composition of claim 5.